



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit - Unknown

In re

Patent Application of

James W. Schumm, et. al.

Serial No.: 09/839,478

Filed: April 20, 2001

Examiner: Unknown

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8**

I, Leslie Lindsay, hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage on January 3, 2003, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 

Leslie Lindsay

Date: January 3, 2003

“MULTIPLEX AMPLIFICATION OF SHORT TANDEM REPEAT LOCI”

AMENDMENT UNDER 37 C.F.R. 1.111

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In the matter of the above-identified application, and in response to the Office Action mailed July 3, 2002, Applicants respectfully request entry of the amendment, reconsideration on the merits of the application, and allowance of the claims.

Please replace claims 22-25 with the following claims:

22. A method of simultaneously determining the alleles present in at least three short tandem repeat loci from one or more DNA samples, comprising:

- (a) obtaining at least one DNA sample to be analyzed;
- (b) selecting a set of at least three short tandem repeat loci of the DNA sample to be analyzed which can be amplified together, wherein the at least three short tandem repeat loci in the set comprises at least three loci selected from the group consisting of:

HUMTPOX, HUMVWFA31 and HUMCSF1PO;

HUMHPRTB, HUMFESFPS and HUMVWFA31;

HSAC04 (ACTBP2), HUMCYP19 and HUMPLA2A1;

HUMAPOA2, HUMCYP19 and HUMPLA2A1;

HUMCD4, HUMCSF1PO and HUMTH01;